



#6
B. White
10-29-91

FORM PTO-1449 (REV. 7-101)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
MIT5261

SERIAL NO.
07/586,534

MATERIAL INFORMATION STATEMENT
(Use several sheets if necessary)

APPLICANT
Paul R. Schimmel

FILING DATE
September 21, 1990

Sheet 1 of 5

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OCT 25 1991
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APPROPRIATE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

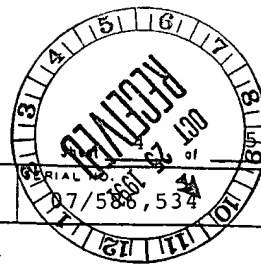
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ABY	AR	von der Haar, VonFriedrich et al. <u>Angew Chem.</u> 93:250-256 (1981)
ABY	AS	Brierley, Ian, et al. <u>Cell</u> 57:537-547 (1989)
ABY	AT	Mei, HOUNG-YAU, et al. <u>Proc. Natl. Acad. Sci.</u> 86:9727-9731 (1989)

EXAMINER
Amelia B. Farbraugh

DATE CONSIDERED
1/9/91

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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GROUP

187

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ABY	JAR	Yokoyama, Masayuki, et al. <u>Chemical Abstracts</u> 109:79550 No. 79541c (1988)
	JAS	Itai, Akiki, <u>Chemical Abstracts</u> 108:398 No. 62280y (1988)
	JAT	Badger, John, et al. <u>J. Mol. Biol.</u> 207:163-174 (1980)
	KAR	McKinlay, et al. <u>Ann. Rev. Pharmacol. Toxicol.</u> 29:111-122 (1989)
	KAS	Perry, N.C., et al. in <u>QSAR: Quantitative Structure Activity Relationships in Drug Design</u> , Alan R. Liss, Inc. pp. 189-193 (1989)
	KAT	Ripka, William <u>New Scientist</u> 54-56 (June 16, 1988)
	LAR	Rouvinen, Juba, et al. <u>Acta Pharmaceutica Fennica</u> 97:159-166 (1988)
	LAS	Williams, et al. <u>J. Am. Chem. Soc.</u> 111:1090-1094 (1989)
	LAT	Benzing, T., et al. <u>Science</u> 242:266-268 (1988)
	MAR	Goodford, Peter <u>Chem. Abstracts</u> 111 No. 126283y (1989)
	MAS	Weber, I., <u>Proteins: Structure, Function, and Genetics</u> 7:172-184 (1990)
ABY	MAT	Malim, M., et al. <u>Cell</u> 60:675-683 (1990)

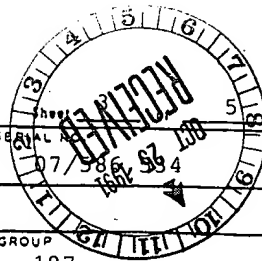
EXAMINER

Melvin B. Yarbrough

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1-9-91

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FORM PTO-1449
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ATTY. DOCKET NO.

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07/28/91 187

MATERIAL INFORMATION STATEMENT

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APPLICANT

Paul R. Schimmel

FILING DATE

September 21, 1990

GROUP

187

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	FAR	Schimmel, Paul Cell 58:9-12 (1989)
	FAS	Endo, Yaeta, et al. <u>The Journal of Biological Chemistry</u> 265:2216-2222 (1990)
	FAT	Von der Haar, Friedrich et al. <u>Chemical Abstracts</u> 94:346 No. 197448x (1981)
	AR	
	GAS	Park, Soon Jae, et al. <u>The Journal of Biological Chemistry</u> 263:16527-16530
	GAT	Roberts, Stanley M., ed. <u>Molecular Recognition: Chemical and Biochemical Problems</u> , CRC Press, 1989
	HAR	Rebek, Jr., Julius, <u>Science</u> 235:1478-1484 (1987)
	HAS	Rebek, Jr., J., et al. <u>J. Am. Chem. Soc.</u> 109:2426-2431 (1987)
	HAT	Rebek, Jr., Julius, et al. <u>J. Am. Chem. Soc.</u> 107:6736-6738 1985)
	IAR	Askew, Ben, et al. <u>J. Am. Chem. Soc.</u> 111:1082-1090 (1989)
	IAS	Lewis, R.A., et al. <u>Proc. R. Soc. Lond.</u> 236:125-140 (1989)
AB	IAT	Lewis, R.A., et al. <u>Proc. R. Soc. Lond.</u> 236:141-162 (1989)

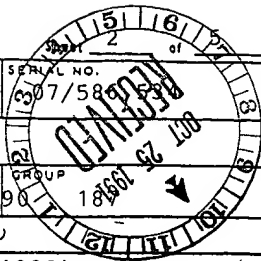
EXAMINER

Charles B. Farbrugh

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1/9/91

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MIT5261		SERIAL NO. 307/589		
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)				APPLICANT Paul R. Schimmel		GROUP		
				FILING DATE September 21, 1990				
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
AB	BAR	Dreher, T.W., et al. <u>J. Mol. Biol.</u> 201:41-55 (1988)						
	BAS	Jacks, Tyler, et al. <u>Cell</u> 55:447-458 (1988)						
	BAT	Pleij, Cornelis, W.A., et al. <u>Nucleic Acids Research</u> 13:1717-1731						
	CAR	Haenni, Anne-Lise, et al. <u>Progress in Nucleic Acid Research and Molecular Biology</u> 27:85-105						
	CAS	Robertus, J.D., et al. <u>Nature</u> 250:546-551 (1974)						
	CAT	Kim, S.H., et al. <u>Science</u> 185:435-440 (1974)						
	DAR	Hou, Ya-Ming, et al. <u>Nature</u> 333:140-145 (1988)						
	DAS	Park, Soon Jae, et al. <u>Biochemistry</u> 28:2740-2746 (1989)						
	DAT	Francklyn, Christopher, et al. <u>Nature</u> 337:478-481 (1989)						
	EAR	Hou, Ya-Ming, et al. <u>Biochemistry</u> 28:6800-6804 (1989)						
	EAS	Schimmel, Paul <u>Biochemistry</u> 28:2747-2759 (1989)						
	EAT	Hou, Ya-Ming, et al. <u>Trends in Biochemical Sciences</u> 14:233-237 (1989)						
	EXAMINER D. J. Yarbrough				DATE CONSIDERED 1/9/91			
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	NAR	Weber, I.T., et al. <u>Science</u> 243:928-931 (1989)
AB	NAS	Jones, T.Alwyn, et al. <u>The EMBO Journal</u> 5:819-822 (1986)
AB	NAT	Shi, Jian-Ping, et al. <u>Science</u> 29:3621 (1990)
	AR	
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EXAMINER

Amelia B. Garbraugh

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1-9-91

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